

STATISTICS & PROBABILITY

6-8

Indicator 1: Use statistical models to gather, analyze, and display data to draw conclusions.

Sixth Grade	Seventh Grade	Eighth Grade
6.S.1.1. (Comprehension) Find the mean, mode, and range of an ordered set of positive data.	7.S.1.1. (Comprehension) Find the mean, median, mode, and range of a set of data.	8.S.1.1. (Comprehension) Find the mean, median, mode, and range of a data set from a stem-and-leaf plot and a line plot.
6.S.1.2. (Application) Display data using bar and line graphs and draw conclusions from data displayed in a graph.	7.S.1.2. (Application) Display data, using frequency tables, line plots, stem-and-leaf plots and make predictions from data displayed in a graph.	8.S.1.2. (Application) Use a variety of visual representations to display data to make comparisons and predictions.

Indicator 2: Apply the laws of probability to predict outcomes and solve problems.

Sixth Grade	Seventh Grade	Eighth Grade
6.S.2.1. (Knowledge) Find the probability of a simple event.	7.S.2.1. (Comprehension) Given a sample space, find the probability of a specific outcome.	8.S.2.1. (Comprehension) Find the sample space and compute probability for two simultaneous independent events.